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FIG. 3A

Phase Modulation Signal for Jth Transmit Element

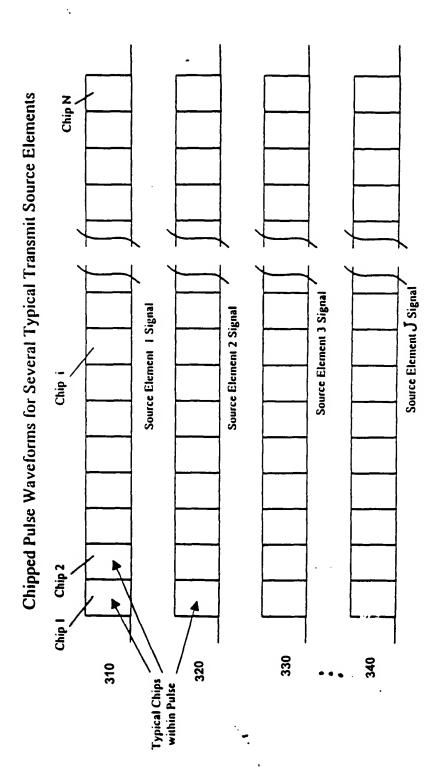


FIG. 3C

FIG. 3D

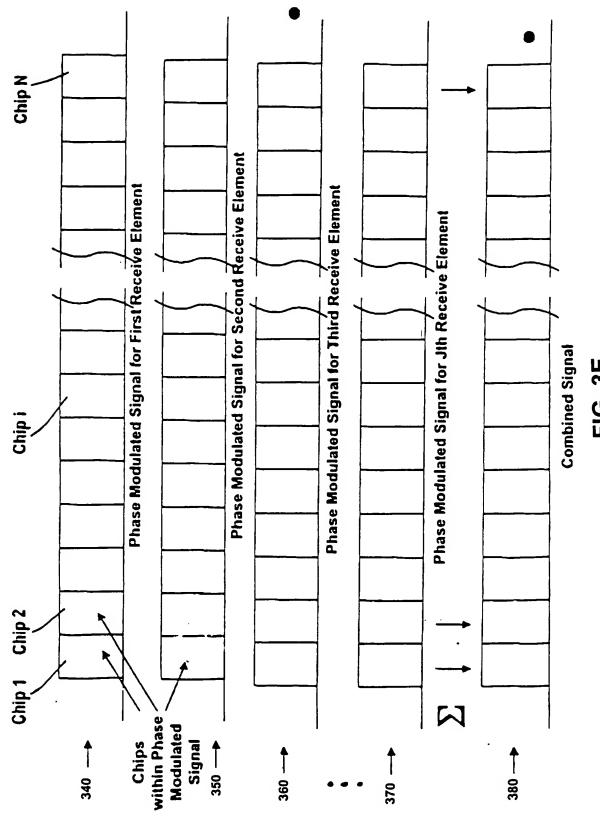
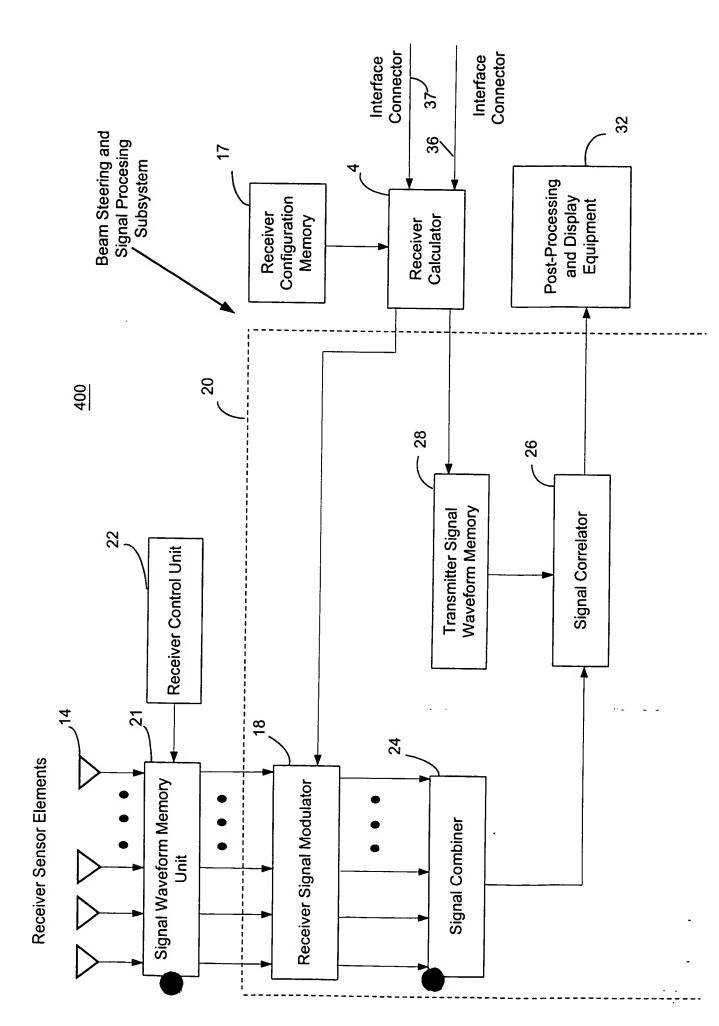


FIG. 3E

Interface Connector Connector Interface 36 37 32 Beam Steering and Signal Procesing Subsystem Configuration and Display Equipment Receiver Calculator Processor Receiver Memory Post-20 200 28 Receiver Sensor Elements Interface Connectors 26 Transmitter Signal Waveform Memory Signal Correlator ∞ Receiver Sensor Elements Receiver Signal Modulator Signal Combiner

Figure 4

Figure 5



200

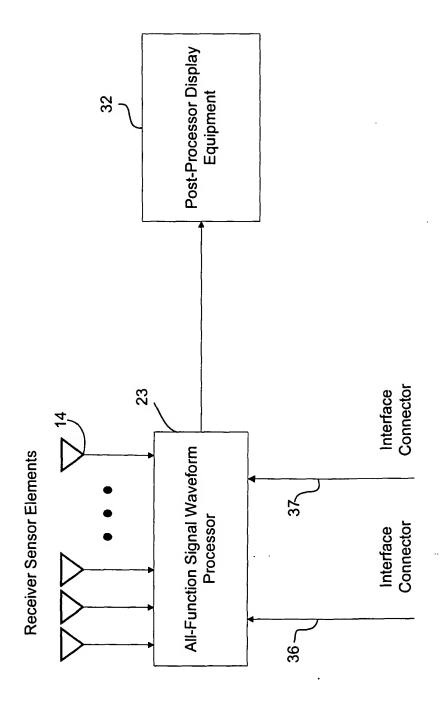
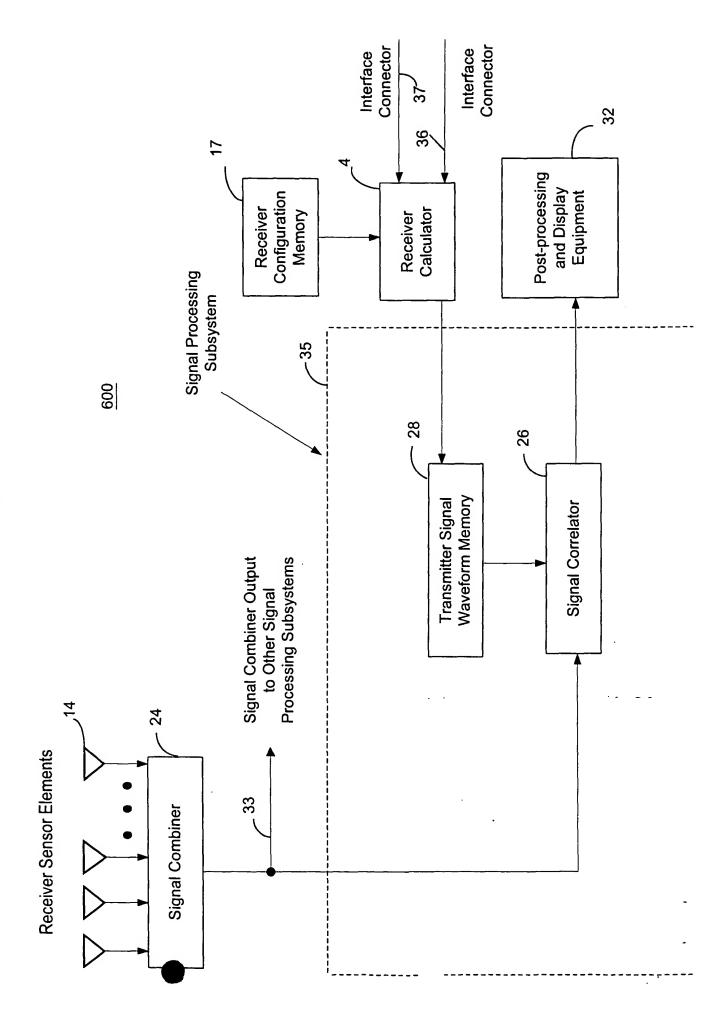


Figure 7



Interface Connector Connector Interface 37 36 32 Beam Steering and Signal Procesing Subsystem Configuration and Display Equipment Receiver Calculator processor Receiver Memory Post-20 26 Transmitter Signal Waveform Memory 7 28 650 Signal Correlator Receiver Sensor Elements Interface Connector 26A Receiver Signal Waveform Memory Signal Correlator 9 28A 24 <u>∞</u> Receiver Sensor Elements Receiver Signal Modulator Signal Combiner

Figure 7A

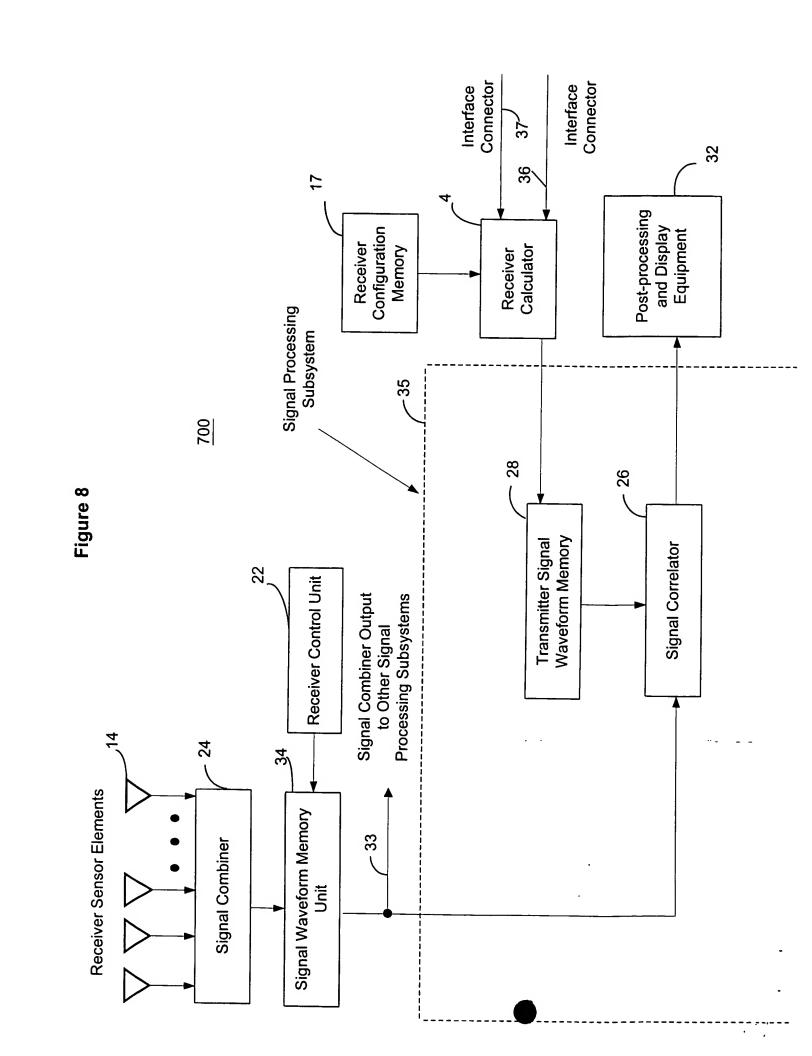


Figure 8A

